Quest Diagnostics

Report Status: Final

Patient Information	Specimen Information	Client Information
DOB: **AGE:** Gender: Phone: Patient ID:	Specimen: Requisition: Lab Ref #: Collected: Received: Reported:	

COMMENTS: FASTING:YES

Test Name	In Range	Out Of Range	Reference Range	Lab
LIPID PANEL, STANDARD				
CHOLESTEROL, TOTAL		**257 H**	<200 mg/dL	
HDL CHOLESTEROL	49		>40 mg/dL	
TRIGLYCERIDES	128		<150 mg/dL	
LDL-CHOLESTEROL		**182 H**	mg/dL (calc)	
Reference range: <100 Desirable range <100 mg/dL for primary prevention; <70 mg/dL for patients with CHD or diabetic patients with > or = 2 CHD risk factors. LDL-C is now calculated using the Martin-Hopkins calculation, which is a validated novel method providing better accuracy than the Friedewald equation in the estimation of LDL-C. Martin SS et al. JAMA. 2013;310(19): 2061-2068 (http://education.QuestDiagnostics.com/faq/FAQ164)				
CHOL/HDLC RATIO		**5.2 H**	<5.0 (calc)	
NON HDL CHOLESTEROL		**208 H**	<130 mg/dL (calc)	
For patients with diabetes plus 1 major ASCVD risk factor, treating to a non-HDL-C goal of <100 mg/dL (LDL-C of <70 mg/dL) is considered a therapeutic option.				
COMPREHENSIVE METABOLIC PANEL				
GLUCOSE	95		65-99 mg/dL Fasting reference interval	
UREA NITROGEN (BUN)	23		7-25 mg/dL	
CREATININE	0.88		0.70-1.33 mg/dL	
For patients >49 years of age, the reference limit for Creatinine is approximately 13% higher for people identified as African-American.				
eGFR NON-AFR. AMERICAN	97		> OR = 60 mL/min/1.73m2	
eGFR AFRICAN AMERICAN	112		> OR = 60 mL/min/1.73m2	
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	
SODIUM	139		135-146 mmol/L	
POTASSIUM	4.6		3.5-5.3 mmol/L	
CHLORIDE	104		98-110 mmol/L	
CARBON DIOXIDE	28		20-32 mmol/L	
CALCIUM	9.7		8.6-10.3 mg/dL	
PROTEIN, TOTAL	7.4		6.1-8.1 g/dL	
ALBUMIN	4.6		3.6-5.1 g/dL	
GLOBULIN	2.8		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	1.6		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.6		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE		**33 L**	40-115 U/L	
AST	13		10-35 U/L	
ALT	12		9-46 U/L	

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CBC (INCLUDES DIFF/PLT)				
WHITE BLOOD CELL COUNT	6.1		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	4.75		4.20-5.80 Million/uL	
HEMOGLOBIN	14.9		13.2-17.1 g/dL	
HEMATOCRIT	43.4		38.5-50.0 %	
MCV	91.4		80.0-100.0 fL	
MCH	31.4		27.0-33.0 pg	
MCHC	34.3		32.0-36.0 g/dL	
RDW	12.8		11.0-15.0 %	
PLATELET COUNT	269		140-400 Thousand/uL	
MPV	9.7		7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	3148		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	2147		850-3900 cells/uL	
ABSOLUTE MONOCYTES	525		200-950 cells/uL	
ABSOLUTE EOSINOPHILS	220		15-500 cells/uL	
ABSOLUTE BASOPHILS	61		0-200 cells/uL	
NEUTROPHILS	51.6		%	
LYMPHOCYTES	35.2		%	
MONOCYTES	8.6		%	
EOSINOPHILS	3.6		%	
BASOPHILS	1.0		%	
PSA, TOTAL	0.7		< OR = 4.0 ng/mL	

The total PSA value from this assay system is standardized against the WHO standard. The test result will be approximately 20% lower when compared to the equimolar-standardized total PSA (Beckman Coulter). Comparison of serial PSA results should be interpreted with this fact in mind.

This test was performed using the Siemens chemiluminescent method. Values obtained from different assay methods cannot be used interchangeably. PSA levels, regardless of value, should not be interpreted as absolute evidence of the presence or absence of disease.

PERFORMING SITE: